

Respected Sir/Mam,

I am Purushottam Kumar, currently in the Seventh semester in the Department of Computer Science and Engineering (B.TECH) of my undergraduate studies. My current CGPA is 8.7 till 7th semester. The area of my interest is Software Development Engineering and Software Engineering. I would like to carry out work in these field and use my skills to disseminate my fair knowledge to others.

After the completion of 6th semester, i got an opprtunity to work as a reserach intern under Dr. Chandran Saravanan, associate professor, NIT Durgapur. I developed a system for generation of Digital academic certificates Academic Certificate using Blockchain'. We are using cryptography algorithm for data encryption and Steganography algorithm for hiding the data. After this, we get a Digital Academic Certificate in pdf format. Blockchain is used to provide decentralized verification of these certificates. We made some contract for storing and verification in the public ethereum network. The title is 'Secure Digital hiding the data. We develop a whole new advance system. This project has large scale implementation.

After my 4th semester in Summer vacation, I got an opportunity to work on a project on "Author Profiling in Arabic" under Dr. Sriparna Saha at Indian Institute of Technology, Patna. This project includes the Age, Gender, and Language of the Author through their Tweets. These Tweets are in the Arabic language. The model is based on LSTM and uses features extraction algorithms for better results.

This model is accepted and a research paper published with name " Gender, Age and dialect Recognition using Tweets in a deep learning framework – EDUCATION Notebook for FIRE 2019" on 12th Dec 2019.

In dec 2019, I worked under Dr. Sajal Mukopdhaya, associate professor, NIT Durgapur on 'Seat Allocation in Admissions'. Our model is a stable-matching algorithm based on Game theory. We developed an algorithm for seat allocations and reallocation admissions. We modified the 'Gayle-shapley' algorithm for this project.

Currently, I'm working on devlopment of a system based on the combination of Steganography and Cryptography techniques.

I am comfortable in programming languages including Python, C++, C. I am flexible with different technology.

I will be available from July 2021.

Thanks for your precious time. I'm looking forward to hearing from you soon.